

**REMARKS**

Reconsideration of the above-identified application in view of the foregoing amendments and following remarks is respectfully requested.

A. Status of the Claims and Explanation of Amendments

Claims 2-6 are pending in this application. The allowability of claims 2-6 was withdrawn by the examiner in the Office Action dated May 12, 2006 in view of the newly discovered references. In particular, claims 2-6 have been rejected under 35 U.S.C. 103(a) as being allegedly unpatentable over U.S. Patent No. 6,188,016 to Enstrom et al. ("Enstrom") in view of U.S. Patent No. 5,770,898 to Hannigan et al. ("Hannigan").

By this paper, independent claim 2 is amended to recite that the electrically conductive members are "in the shape of a substantially flat plate" and remain "untouched with each other". Support of the amendment can be found through the application, for example, in Figs. 1, 2, 4, 5, wherein the numeral references 12 and 13 denote "[p]late-shaped" electrically conductive members. (Specification, p. 12, lines 9-26). No new matter will be introduced by the amendment. Thus the entry of this amendment is respectfully requested.

B. Claims 2-6 should not be rejected under 35 U.S.C. 103(a) as being unpatentable over Enstrom in view of Hannigan, because neither of the references, whether taken alone or in combination, teaches, discloses or suggests that the electrically conductive members are "in the shape of a substantially flat plate" and "remaining untouched with each other" as recited in independent claim 2.

Claims 2-6 have been rejected under 35 U.S.C. 103(a) as being unpatentable over Enstrom in view of Hannigan. The rejections of claims 2-6 are respectfully traversed. As

explained more fully below, the requirements for such rejections are not met. In particular, the combined references fails to teach, disclose or suggest all the elements as recited in claim 2.

Applicant's claim 2, as amended, recites:

A cable arranging structure comprising:  
first and second printed circuit boards;  
a first shield box covering said first printed circuit board and having a first opening;  
a second shield box covering said second printed circuit board and having a second opening;  
at least two electrically conductive members electrically connected to said first and second shield boxes and arranged oppositely relative to each other between said first and second shield boxes, said electrically conductive members being **in the shape of a substantially flat plate and remaining untouched with each other**;  
a cable connecting said first and second printed circuit boards by way of said first and second openings,  
the part of said cable located outside said first and second shield boxes being entirely arranged between said at least two electrically conductive members.

According to the Office Action, Enstrom discloses a cable arranging structure including a plurality of shield box (16 and 17), a plurality of electrically conductive member (4b and 5b) connected to the shield boxes and arranged oppositely relative to each other, and a cable connecting the first and second shield boxes and arranged between the electrically conductive members. (Office Action 05/12/2006, p.2). Hannigan, on the other hand, teaches the use of circuit boards as well as gasket in a power management system. The examiner finally concluded that "[i]t would have been obvious to one of ordinary skill in the art at the time the invention was made to include the circuit boards with the cabinet of Enstrom for the purpose of providing a power shielding system." (Office Action 05/12/2006, p.3).

However, neither of Enstrom or Hannigan, whether taken alone or in combination, teaches, discloses or suggest that the electrically conductive members are in the

shape of a substantially flat plate and none of the electrically conductive members is connected to each other.

Enstrom is directed to an arrangement for electrically connecting two pieces of electronic equipment to retain good electromagnetic compatibility (“EMC”). According to Enstrom, numeral references 1 and 2 identify the first cage and second cage. A first plate 5a having a first U-shaped bar 5b is located on the lower edge, and a second plate 4a having a second U-shaped bar 4b is located on its upper edge. (Enstrom, see Column 3, lines 19-24, also see Fig. 2). Furthermore, Enstrom discloses that “[t]he first U-bar 5b is slightly smaller than the second bar 4b therewith enabling it to fit into the second bar 4b”(Enstrom, Column 3, lines 54-56), and “[s]ubsequent to having drawn the cables between the cages, the first plate 5a is pressed downwards so as to obtain good contact between the cable shield 11, the second U-bar 4b and the first U-bar 5b. This will result in the formation of a tight tube between the first and second cages” (Enstrom, Column 3 line 65-Column 4, line 4). Therefore, it’s clear that Enstrom teaches to use at least two pieces of U-shaped bars 4b and 5b oppositely positioned and subsequently pressed in good contact with each other to form a tube after the cable is placed.

Hannigan is directed to a power management system to achieve electromagnetic compatibility (“EMC”) containment. According to Hannigan, the system is divided into a “[p]ower entry module 20, a battery management module 22 and a battery module 24”. (Hannigan, Column 3 lines 44-46). Hannigan further discloses that “[t]he power entry module may include filtering and surge protection circuitry. The battery management module may include circuitry for recharging a battery and for managing output voltages of one or more batteries. ” (Hannigan, Column 3 lines 46-50). As shown in Fig. 6, the battery management module contains an EMC containment compartment, which is formed by attaching a metallic

cover to a metallic base and houses a circuit board having battery management circuitry, including recharging capability. (Hannigan, column 5, lines 53-58).

It's apparent from the review of the two references that the electrically conductive members recited in claim 2, which are in the shape of substantially flat plate and remain untouched with each other, are not taught, disclosed or suggest in either of the cited references. Enstrom discloses to use two U-shaped bars 4b and 5b to connect the two shield cages, wherein after the cable is positioned, oppositely placed U-shaped bars 4b and 5b are pressed in good contact to form a tube for protection purpose. Contrary to Enstrom's teaching, the electrically conductive members in the application teaches to use two substantially flat plate wherein a cable is placed between the two conductive members. Furthermore, after the cable is positioned, the two electrically conductive member remain the same positions and do not connect to each other. Hannigan, on the other hand, discloses to use circuit boards in the module to incorporate surge protection circuitry and recharging circuitry, but is completely silent in teaching or suggesting using electrically conductive members between a cable to prevent the radiation from the cable itself.

Accordingly, for the reasons mentioned above, the combined references fail to teach and suggest every element recited in claim 2. Applicant hereby respectfully asserts independent claim 2 and dependent claims 3-6 are patentable over Enstrom in view of Hannigan, and respectfully requests the rejection be withdrawn.

Applicant has chosen in the interest of expediting prosecution of this patent application to distinguish the cited documents from the pending claims as set forth above. These statements should not be regarded in any way as admissions that the cited documents are, in fact, prior art.

Finally, Applicant has not specifically addressed the rejections of the dependent claims. Applicant respectfully submits that the independent claims, from which they depend, are in condition for allowance as set forth above. Accordingly, the dependent claims also are in condition for allowance. Applicant, however, reserves the right to address such rejections of the dependent claims in the future as appropriate.

**CONCLUSION**

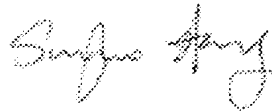
For the above-stated reasons, this application is respectfully asserted to be in condition for allowance. An early and favorable examination on the merits is requested. In the event that a telephone conference would facilitate the examination of this application in any way, the Examiner is invited to contact the undersigned at the number provided.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES WHICH MAY BE REQUIRED FOR THE TIMELY CONSIDERATION OF THIS AMENDMENT UNDER 37 C.F.R. §§ 1.16 AND 1.17, OR CREDIT ANY OVERPAYMENT TO DEPOSIT ACCOUNT NO. 13-4500, ORDER NO. 1232-5169.

Respectfully submitted,  
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By:



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